

Nicole S Glaser

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,577
citations

159585

30
h-index

102487

66
g-index

73
all docs

73
docs citations

73
times ranked

2864
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk Factors for Cerebral Edema in Children with Diabetic Ketoacidosis. New England Journal of Medicine, 2001, 344, 264-269.	27.0	727
2	ISPAD Clinical Practice Consensus Guidelines 2018: Diabetic ketoacidosis and the hyperglycemic hyperosmolar state. Pediatric Diabetes, 2018, 19, 155-177.	2.9	455
3	Diabetic ketoacidosis and hyperglycemic hyperosmolar state. Pediatric Diabetes, 2014, 15, 154-179.	2.9	295
4	European Society for Paediatric Endocrinology/Lawson Wilkins Pediatric Endocrine Society Consensus Statement on Diabetic Ketoacidosis in Children and Adolescents. Pediatrics, 2004, 113, e133-e140.	2.1	254
5	Mechanism of cerebral edema in children with diabetic ketoacidosis. Journal of Pediatrics, 2004, 145, 164-171.	1.8	240
6	Diabetic Ketoacidosis in Infants, Children, and Adolescents: A consensus statement from the American Diabetes Association. Diabetes Care, 2006, 29, 1150-1159.	8.6	181
7	Diabetic ketoacidosis. Nature Reviews Disease Primers, 2020, 6, 40.	30.5	165
8	Evidence of Increased Inflammation and Microcirculatory Abnormalities in Patients With Type 1 Diabetes and Their Role in Microvascular Complications. Diabetes, 2007, 56, 2790-2796.	0.6	158
9	Frequency of sub-clinical cerebral edema in children with diabetic ketoacidosis. Pediatric Diabetes, 2006, 7, 75-80.	2.9	155
10	Clinical Trial of Fluid Infusion Rates for Pediatric Diabetic Ketoacidosis. New England Journal of Medicine, 2018, 378, 2275-2287.	27.0	151
11	Factors associated with adverse outcomes in children with diabetic ketoacidosis-related cerebral edema. Journal of Pediatrics, 2002, 141, 793-797.	1.8	135
12	Predictors of Early Remission of Hyperthyroidism in Children ¹ . Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1719-1726.	3.6	113
13	Hyperglycemic Hyperosmolar Syndrome in Children: Pathophysiological Considerations and Suggested Guidelines for Treatment. Journal of Pediatrics, 2011, 158, 9-14.e2.	1.8	110
14	Diabetic Ketoacidosis and Memory Dysfunction in Children with Type 1 Diabetes. Journal of Pediatrics, 2010, 156, 109-114.	1.8	109
15	Predicting the Likelihood of Remission in Children With Graves's Disease: A Prospective, Multicenter Study. Pediatrics, 2008, 121, e481-e488.	2.1	108
16	Correlation of Clinical and Biochemical Findings with Diabetic Ketoacidosis-Related Cerebral Edema in Children Using Magnetic Resonance Diffusion-Weighted Imaging. Journal of Pediatrics, 2008, 153, 541-546.e1.	1.8	87
17	Cerebral Blood Flow and Cerebral Edema in Rats With Diabetic Ketoacidosis. Diabetes, 2008, 57, 2588-2594.	0.6	77
18	Cerebral injury and cerebral edema in children with diabetic ketoacidosis: could cerebral ischemia and reperfusion injury be involved?. Pediatric Diabetes, 2009, 10, 534-541.	2.9	69

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19	Bumetanide Reduces Cerebral Edema Formation in Rats With Diabetic Ketoacidosis. <i>Diabetes</i> , 2005, 54, 510-516.	0.6	67
20	Pediatric diabetic ketoacidosis, fluid therapy, and cerebral injury: the design of a factorial randomized controlled trial. <i>Pediatric Diabetes</i> , 2013, 14, 435-446.	2.9	57
21	Variation in the Management of Pediatric Diabetic Ketoacidosis by Specialty Training. <i>JAMA Pediatrics</i> , 1997, 151, 1125.	3.0	45
22	Subclinical Cerebral Edema in Children With Diabetic Ketoacidosis Randomized to 2 Different Rehydration Protocols. <i>Pediatrics</i> , 2013, 131, e73-e80.	2.1	45
23	Effects of Hyperglycemia and Effects of Ketosis on Cerebral Perfusion, Cerebral Water Distribution, and Cerebral Metabolism. <i>Diabetes</i> , 2012, 61, 1831-1837.	0.6	44
24	Cognitive Function Following Diabetic Ketoacidosis in Children With New-Onset or Previously Diagnosed Type 1 Diabetes. <i>Diabetes Care</i> , 2020, 43, 2768-2775.	8.6	44
25	Frequency and Risk Factors of Acute Kidney Injury During Diabetic Ketoacidosis in Children and Association With Neurocognitive Outcomes. <i>JAMA Network Open</i> , 2020, 3, e2025481.	5.9	44
26	Cerebral Metabolic Alterations in Rats With Diabetic Ketoacidosis. <i>Diabetes</i> , 2010, 59, 702-709.	0.6	42
27	Detection of cerebral {beta}-hydroxy butyrate, acetoacetate, and lactate on proton MR spectroscopy in children with diabetic ketoacidosis. <i>American Journal of Neuroradiology</i> , 2005, 26, 1286-91.	2.4	41
28	Elevated serum amylase and lipase in pediatric diabetic ketoacidosis*. <i>Pediatric Critical Care Medicine</i> , 2008, 9, 418-422.	0.5	36
29	Prolonged QT Interval Corrected for Heart Rate During Diabetic Ketoacidosis in Children. <i>JAMA Pediatrics</i> , 2008, 162, 544.	3.0	35
30	Diabetic ketoacidosis in juvenile rats is associated with reactive gliosis and activation of microglia in the hippocampus. <i>Pediatric Diabetes</i> , 2016, 17, 127-139.	2.9	34
31	Benefits of an Insulin Dosage Calculation Device for Adolescents with Type 1 Diabetes Mellitus. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2004, 17, 1641-51.	0.9	31
32	Hydration status moderates the effects of drinking water on children's cognitive performance. <i>Appetite</i> , 2015, 95, 520-527.	3.7	28
33	Home Visits for Children and Adolescents with Uncontrolled Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2020, 22, 34-41.	4.4	27
34	Cerebral Hyperemia Measured with Near Infrared Spectroscopy during Treatment of Diabetic Ketoacidosis in Children. <i>Journal of Pediatrics</i> , 2013, 163, 1111-1116.	1.8	25
35	Home-based video visits for pediatric patients with poorly controlled type 1 diabetes. <i>Journal of Telemedicine and Telecare</i> , 2020, 26, 349-355.	2.7	25
36	Cerebral edema in children with diabetic ketoacidosis. <i>Current Diabetes Reports</i> , 2001, 1, 41-46.	4.2	20

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37	Regional Brain Water Content and Distribution During Diabetic Ketoacidosis. <i>Journal of Pediatrics</i> , 2017, 180, 170-176.	1.8	20
38	Treatment with the KCa3.1 inhibitor TRAM-34 during diabetic ketoacidosis reduces inflammatory changes in the brain. <i>Pediatric Diabetes</i> , 2017, 18, 356-366.	2.9	18
39	Circulating matrix metalloproteinases in children with diabetic ketoacidosis. <i>Pediatric Diabetes</i> , 2017, 18, 95-102.	2.9	18
40	Pediatric Diabetic Ketoacidosis and Hyperglycemic Hyperosmolar State. <i>Pediatric Clinics of North America</i> , 2005, 52, 1611-1635.	1.8	17
41	Cognitive dysfunction associated with diabetic ketoacidosis in rats. <i>Neuroscience Letters</i> , 2012, 510, 110-114.	2.1	16
42	Patient Perspectives on Use of Video Telemedicine for Type 1 Diabetes Care in the United States during the COVID-19 Pandemic. <i>Endocrines</i> , 2021, 2, 449-456.	1.0	16
43	Association of Acute Kidney Injury During Diabetic Ketoacidosis With Risk of Microalbuminuria in Children With Type 1 Diabetes. <i>JAMA Pediatrics</i> , 2022, 176, 169.	6.2	16
44	Imaging of the brain in children with type I diabetes mellitus. <i>Pediatric Radiology</i> , 2007, 37, 863-869.	2.0	15
45	Acute and chronic neuroinflammation is triggered by diabetic ketoacidosis in a rat model. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001793.	2.8	15
46	The Evaluation and Management of Children With Diabetic Ketoacidosis in the Emergency Department. <i>Pediatric Emergency Care</i> , 2004, 20, 477-481.	0.9	14
47	Hypertension during Diabetic Ketoacidosis in Children. <i>Journal of Pediatrics</i> , 2020, 223, 156-163.e5.	1.8	14
48	Detecting and treating hyperlipidemia in children with type 1 diabetes mellitus: are standard guidelines applicable to this special population?*. <i>Pediatric Diabetes</i> , 2011, 12, 442-459.	2.9	13
49	Hyponatremia in Pediatric Diabetic Ketoacidosis: Reevaluating the Correction Factor for Hyperglycemia. <i>JAMA Pediatrics</i> , 2009, 163, 771-2.	3.0	12
50	Ventilation in pediatric diabetic ketoacidosis???Not too much, but not too little*. <i>Pediatric Critical Care Medicine</i> , 2005, 6, 489-490.	0.5	10
51	Brain cell swelling during hypocapnia increases with hyperglycemia or ketosis. <i>Pediatric Diabetes</i> , 2014, 15, 484-493.	2.9	10
52	New perspectives on the pathogenesis of cerebral edema complicating diabetic ketoacidosis in children. <i>Pediatric Endocrinology Reviews</i> , 2006, 3, 379-86.	1.2	10
53	Insulin administration for treatment of pediatric diabetic ketoacidosis: Are lower rates of infusion beneficial?*. <i>Pediatric Critical Care Medicine</i> , 2011, 12, 217-219.	0.5	8
54	Histological and cognitive alterations in adult diabetic rats following an episode of juvenile diabetic ketoacidosis: Evidence of permanent cerebral injury. <i>Neuroscience Letters</i> , 2017, 650, 161-167.	2.1	8

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55	Fluid treatment for children with diabetic ketoacidosis: How do the results of the pediatric emergency care applied research network Fluid Therapies Under Investigation in Diabetic Ketoacidosis (FLUID) Trial change our perspective?. Pediatric Diabetes, 2019, 20, 10-14.	2.9	8
56	Effects of Fluid Rehydration Strategy on Correction of Acidosis and Electrolyte Abnormalities in Children With Diabetic Ketoacidosis. Diabetes Care, 2021, 44, 2061-2068.	8.6	8
57	Levels of S100B in brain and blood of rats with diabetic ketoacidosis. Brain Research, 2015, 1624, 536-544.	2.2	5
58	Feasibility and Impact of Remote Glucose Monitoring Among Patients With Newly Diagnosed Type 1 Diabetes: Single-Center Pilot Study. JMIR Diabetes, 2022, 7, e33639.	1.9	5
59	Serum Sodium Concentration and Mental Status in Children With Diabetic Ketoacidosis. Pediatrics, 2021, 148, .	2.1	4
60	Weighing the Causal Evidence That Associates Short Sleep Duration With Obesity. Pediatrics, 2017, 140, e20172015.	2.1	3
61	Fluid Infusion Rates for Pediatric Diabetic Ketoacidosis. New England Journal of Medicine, 2018, 379, 1181-1184.	27.0	3
62	Acute and chronic neuroinflammation is triggered by diabetic ketoacidosis in a rat model. BMJ Open Diabetes Research and Care, 2020, 8, .	2.8	3
63	Enroller Experience and Parental Familiarity of Disease Influence Participation in a Pediatric Trial. Western Journal of Emergency Medicine, 2021, 22, 1176-1182.	1.1	2
64	Effects of TRAM-34 and minocycline on neuroinflammation caused by diabetic ketoacidosis in a rat model. BMJ Open Diabetes Research and Care, 2022, 10, e002777.	2.8	2
65	DKA-related cerebral edema and intravenous fluid therapy: Potential pitfalls of uncontrolled retrospective studies. Journal of Pediatrics, 2008, 152, 145.	1.8	1
66	Resolution of Graves's disease after renal transplantation. Pediatric Transplantation, 2016, 20, 590-593.	1.0	1
67	Thoughts on the Association Between Sleep and Obesity. Pediatrics, 2020, 145, e20193676.	2.1	1
68	Diabetic ketoacidosis causes chronic elevation in renal C-C motif chemokine ligand 5. Endocrine, 2021, , 1.	2.3	1
69	Multimodal neuroimaging in pediatric type 1 diabetes: a pilot multisite feasibility study of acquisition quality, motion, and variability. , 2022, , .		1
70	Pediatric Diabetic Ketoacidosis and Hyperglycemic Hyperosmolar State. Seminars in Pediatric Neurology, 2005, 12, 187-198.	2.0	0